IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Dr. E. Stole   Case: FJ 122

Applicant(s): Marina Vrlijc et al.

Serial No.:   09/105,117   In Response To
                                                               Paper No: 18

Filing Date: 17/06/98   Art Unit: 3402

Title: PROCESS FOR THE MICROBIAL PRODUCTION OF AMINO
              ACIDS BY BOOSTED ACTIVITY OF EXPORT CARRIERS

Hon. Commissioner of Patents and Trademarks   March 17, 2000
Washington,   DC   20231

SIR:

This is in response to the Official Action dated 02/24/00.

A substitute computer readable form (CRF) of the "Sequence Listing" is enclosed together with a substitute paper copy of the Sequence Listing.

Please enter the substitute paper copy in the specification.

Applicants assure that the paper and computer readable copies include no new matter.

The enclosed diskette includes the following data records:

a) FZJ9910.app (nucleotide sequence indicating the coding area of the lysE-gene.

b) Seq_only.app (only the nucleotide sequence without indication of coding areas).

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Both data records are enclosed also in printed form.

Some explanations however are presented below since, with the Patentin program available it is impossible to indicate at the same time the complementary DNA strand (lysG and orf3; complementary strand). For this reason, in the Patentin data record FZJ9910.app, the lysE gene has been listed as a protein sequence which is not possible for the respective nucleotide areas of lysG and orf3. The areas are given however under the number <220> and are therefore believed to be sufficiently documented. In addition, the nucleotide sequence has been recorded alone and without indication of coding sequence sections (seq_only.app). This was mainly objected to by the US patent office.

Applicants assure that the nucleotide sequences represented in the two sequence protocols do not include any information beyond the originally filed nucleotide sequence. Bothe sequence protocols can be derived by a person of normal skill and common knowledge in the art from the originally filed sequences.

Respectfully submitted,

K. Bach

Klaus J. Bach, Reg. No. 26832